HW#27: Vocabulary Review

Geometry

Due: Tuesday, Oct 20

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP \_\_\_\_\_\_\_\_

Failure to show work or write in sentences when necessary will result in a LaSalle.

Directions: Use your notes to complete the definitions of each vocabulary word below. Provide an example, as a picture or in words, of each vocabulary word. An example is provided in the first row.

Unit 1: Real world functions and introduction to Geometry!

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| --- | --- | --- |
| Word | Definition (in at least 1 sentence) | Example |
| *Line* | *Similar to a line segment or ray, but it goes to infinity on both ends* |  |
| Line Segment |  |  |
| Ray |  |  |
| Bisect |  |  |
| Midpoint |  |  |

Unit II:

|  |  |  |
| --- | --- | --- |
| Word | Definition (in at least 1 sentence) | Example |
| Parallel Lines |  |  |
| Perpendicular Lines |  |  |

Unit III: What’s your angle?

|  |  |  |
| --- | --- | --- |
| Word | Definition (in at least 1 sentence) | Example |
| Angle |  |  |
| Acute |  |  |
| Obtuse |  |  |
| Straight Angle |  |  |
| Right Angle |  |  |
| Adjacent Angles |  |  |
| Vertical Angles |  |  |
| Supplementary Angles |  |  |
| Complementary Angles |  |  |

Part II: Review

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| --- | --- |
| Write the equation of a line that goes through the point (-2, 5) and is parallel to *y = .5x + 5.* | Suppose *f(x)* is perpendicular to *g(x)*. If *g(x)* goes through the points (2, 4) and (3, 0), what is the slope of *f(x)*? Explain your reasoning in at least 1 sentence. |